
IBM



TD SYNnex AI POSITIONING

IBM AI STRATEGY

IBM AI SOLUTIONS

EDUCATION - PROFICIENCY

LAB DEMO ENVIRONMENT

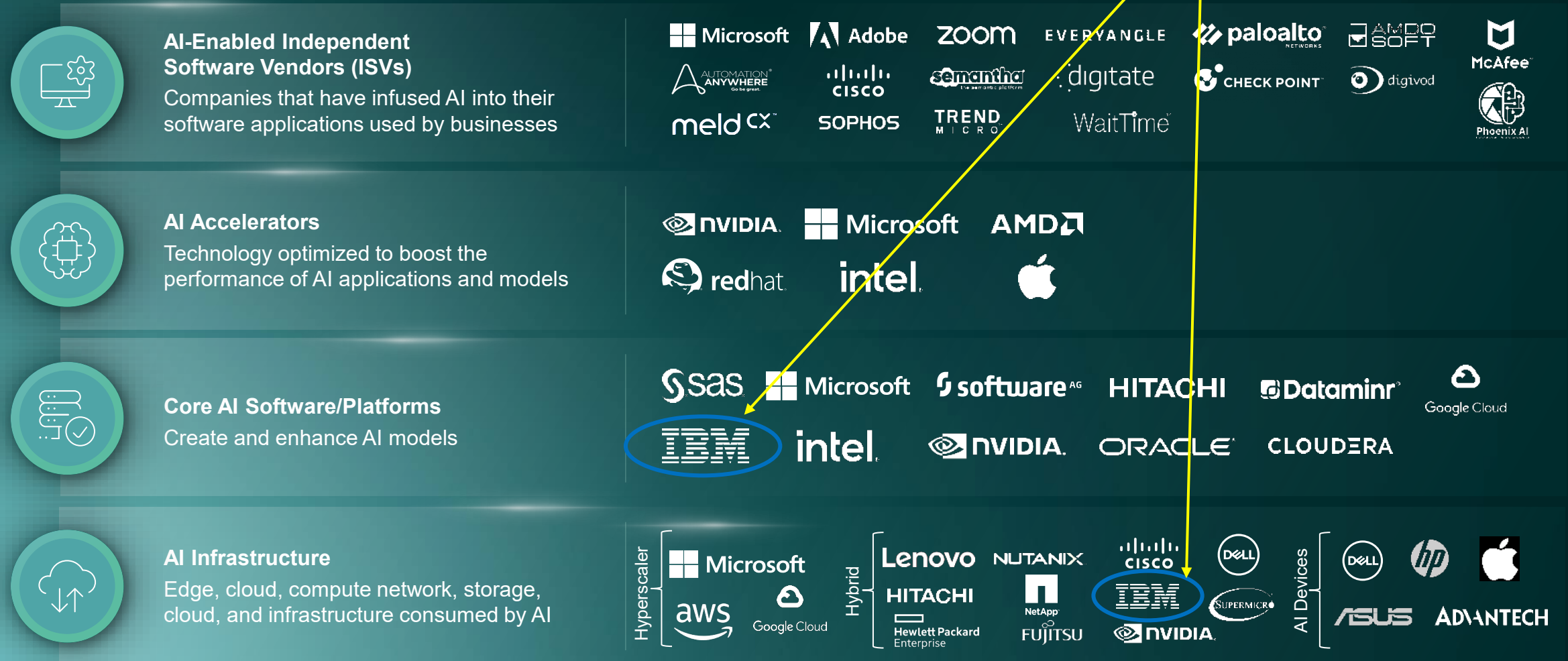
IBM GI / GOLD100

USE CASES

** Eventuali brand dei vendor citati e riferimenti a scenari e soluzioni IBM, possono essere contenuti pubblici condivisi dal vendor*

TD SYNnex AI Partnerships – IBM Positioning

TD SYNnex helps his vendors to **amplify** their position in AI



IBM STRATEGY: AI for Enterprises

What are the main goals & challenges in the Enterprise AI projects

Multi-model

Two thirds of 150+ enterprises surveyed report pursuing a **multi-model strategy**, including both commercial and **open source** models

Governance

Surveyed companies report governance as a top requirement: Businesses must control **data quality and provenance, ethics, bias** and monitor **drift, hallucinations** and ensure model **explainability**

Data matters

Generative AI pilots have not made it to production due to challenges with **data quality, access, and security**

Scale for value

Critical to pick the **right use cases** and deployment for generative AI ROI

Multi | hybrid cloud

Gartner reports that most enterprises will deploy generative AI **across hybrid / multicloud** environments

Open

Based on the best AI and cloud technologies available

→ Facilitating access to the innovation of the open community and multiple models

Trusted

Built with AI and data governance, transparency, and ethics supporting regulatory compliance demands

→ Providing guidance on appropriate models to leverage to create real business value with trust

Targeted

Designed for targeted business use cases, that unlock new value at optimal cost

→ Including curated models that can be tuned to proprietary data and company guidelines

Empowering

Customize models with client's data and integrate into complex client's environments

→ Running anywhere, designed for scale and widespread adoption to truly create enterprise value

IBM Point Of View: the four core principles to tailor generative AI for enterprise

IBM STRATEGY: The value of the ecosystem

IBM works with strategic partners to help clients scale AI



Marketing transformation

- Driving productivity gains and personalized experiences at scale
- Optimizing content supply chains with Adobe AI technologies
- Embed watsonx into core Adobe Cloud platforms



Hybrid cloud and AI

- Watsonx available on AWS as SaaS solution and AWS Marketplace watsonx.ai and watsonx.governance available by 2024
- Expertise in Amazon, SageMaker, CodeWhisperer, and Amazon Bedrock
- AWS to bring generative AI solutions and dedicated expertise to clients



Customer transformation

- Unlocking the power of complementary AI and generative AI technologies
- Extend the value of Salesforce platform with watsonx
- Transforming customer, partner and employee experiences using generative AI



Hybrid cloud and AI

- Watsonx plans underway, today can be sold in a container to run on Azure
- Microsoft Generative AI Center of Excellence
- IBM Consulting Azure OpenAI Service available on Azure Marketplace - fully managed AI service to help with strategy, hackathon & implementation



Consumer experience

- Samsung SDS America partners with IBM to introduce groundbreaking new solutions like SDS Zero Touch Mobility. IBM's launch of watsonx has inspired Samsung to explore the immense potential of watson.ai and its generative AI capabilities

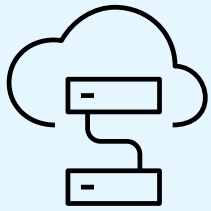


Core operations, industry solutions

- Launching new watsonx solutions to include the recently announced SAP generative AI assistant, SAP Joule
- Building on recent work embedding Watson AI into SAP reaching 37,000+ SAP clients

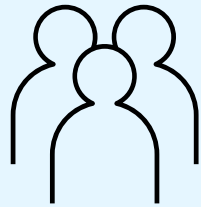
IBM AI SOLUTIONS: What IBM offers?

IBM AI can be consumed as a platform, assistants, or in products



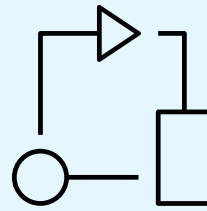
AI and data platform

Build and run on IBM's enterprise-grade, cloud-native, AI and data platform, watsonx, that helps clients simplify how they build and apply foundation models and generative AI.



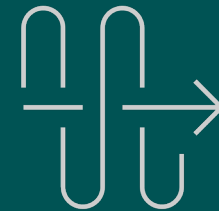
AI assistants

Empower individuals in your organization with AI assistants built on watsonx to do work without expert knowledge across a variety of business processes and applications.



AI products






Consume the benefits of generative AI and foundation models in IBM products embedded with watsonx, to make to you and your employees more responsive, productive and resilient.



Partners' products

Consume the benefits of generative AI and foundation models in our partners' software products embedded with watsonx (e.g., SAP) where IBM helps them deliver incremental innovation faster.

IBM's generative AI technology and expertise

AI assistants 	Empower individuals to achieve higher levels of performance by using generative AI to simplify access to information and automation across the business.	watsonx Orchestrate watsonx Assistant watsonx Code Assistant watsonx BI Assistant
SDKs & APIs 	Embed watsonx platform in third party assistants and applications using programmatic interfaces.	Ecosystem integrations
AI & data platform 	Leverage generative AI and machine learning — tuned with your data — with responsibility, transparency and explainability.	watsonx watsonx.ai watsonx.governance watsonx.data Foundation models Granite <i>IBM</i> Open Source <i>Hugging Face</i> Llama 2 <i>Meta</i> Geospatial <i>IBM + NASA</i> ...
Data services 	Define, organize, manage, and deliver trusted data to train and tune AI models with data fabric services.	Cloud Pak for Data watsonx Discovery
Hybrid cloud AI tools 	Build on a consistent, scalable foundation based on open-source technology.	Red Hat OpenShift Red Hat OpenShift AI

Consulting

Generative AI strategy, experience, technology, operations

Ecosystem

System Integrators, Software and SaaS partners, Public Cloud providers

IBM AI SOLUTIONS

watsonx

The platform
for AI and data

watsonx.ai

Train, validate, tune,
and deploy AI models

A next generation enterprise studio for AI builders to train, validate, tune, and deploy both traditional machine learning and new generative AI capabilities powered by foundation models. It enables you to build AI applications in a fraction of the time with a fraction of the data.

watsonx.data

Scale AI workloads, for
all your data, anywhere

Fit-for-purpose data store, built on an open lakehouse architecture, supported by querying, governance and open data formats to access and share data.

watsonx.governance

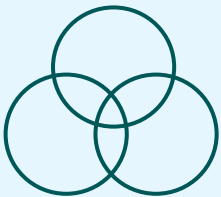
Accelerate responsible,
transparent, and explainable
AI workflows

End-to-end toolkit for AI governance across the entire model lifecycle to enable responsible, transparent, and explainable AI workflows.

IBM AI SOLUTIONS

watsonx assistants

Purpose-built to
increase productivity



Tailored
Automated
Integrated

watsonx Orchestrate

Harness the power of AI
and automation to free up
individuals from tedious tasks

watsonx Assistant

Build better virtual agents,
to deliver consistent and
intelligent customer care

watsonx Code Assistant

Accelerate development,
application modernization,
and assist with IT operations

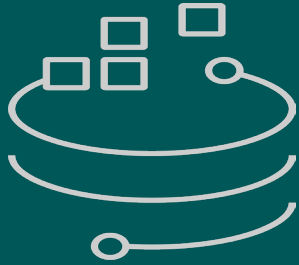
watsonx Assistant for Z

Use generative AI to transform
engagement and interaction
with the mainframe

watsonx BI Assistant

Get AI-powered insights in
seconds from your personal
business analyst and advisor

IBM storage solutions for AI



Storage for data & AI



Storage for
hybrid cloud



Storage for data
resiliency

Software

IBM Storage Scale
IBM Storage Ceph

IBM Fusion

IBM Storage Defender

Hardware

IBM Storage Scale
System
IBM Storage Ready
Nodes

IBM Fusion HCI System

IBM Storage FlashSystem |
DS8000 | Tape | Networking

IBM Storage for Watsonx

Improve Watsonx platform with query acceleration and data lakehouse management

watsonx.data

DB2, Netezza, Presto, Spark

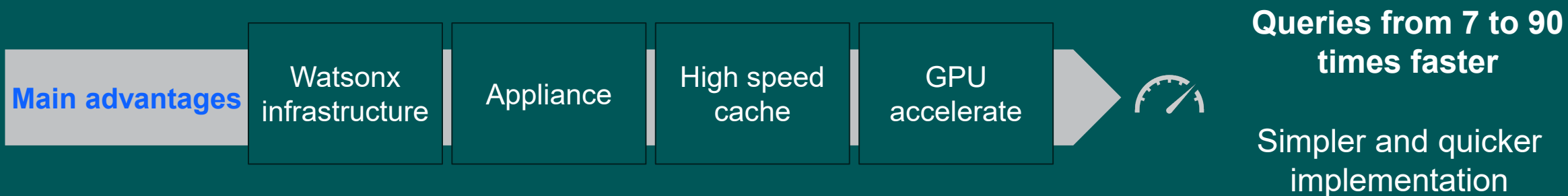
watsonx.ai

Inferencing / Fine tuning

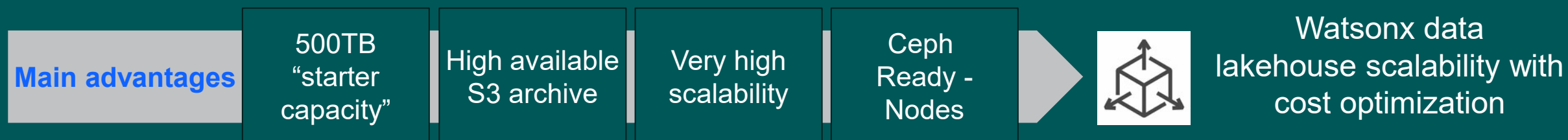
watsonx.governance

Responsible, explainable AI

① **Fusion:** Watsonx infrastructure **appliance** for data management & acceleration



② **Ceph:** persistent & on premise **storage** for Watsonx



A flexible infrastructure for Hybrid Cloud solutions If it runs on OpenShift, it runs on Fusion!

watsonx



OpenShift Virtualization



Off the shelf

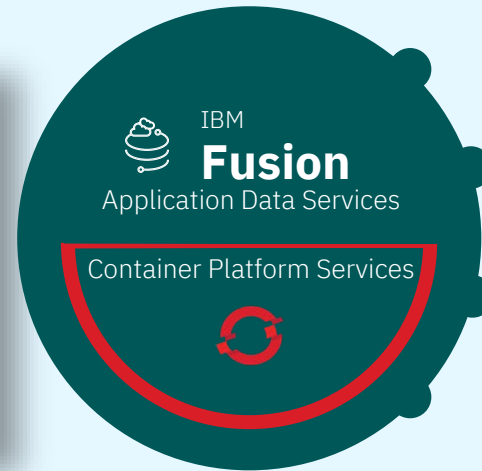
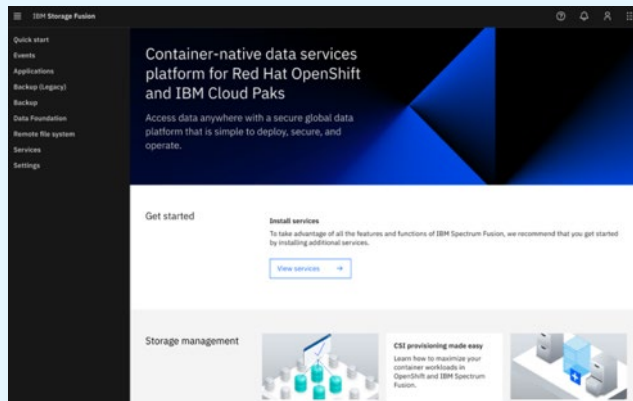


Custom apps



All IBM Cloud Paks

Fusion Software

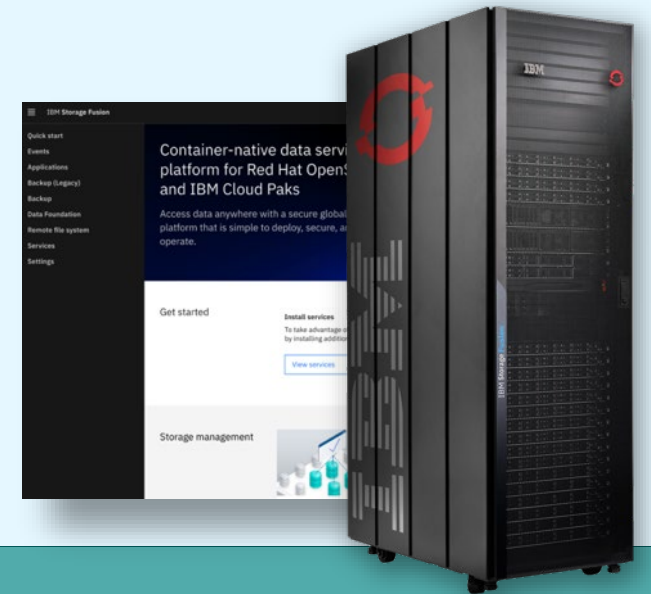


Directly integrated with
OpenShift

Runs any OpenShift
application

Fusion SW may be
installed on any OpenShift
compliant infrastructure

Fusion appliance



OPENSIFT

Fusion Data Services

Persistence



Resilience



Security



Mobility



Cataloging



Active detection of threats

IBM Defender sensors

Ransomware threats

Primary Storage

AI check on Backup Storage

Malware scan



Accelerated Discovery

Scan on Malware
Analysis on Data pattern
Support for the whole ecosystem scan

Security Copies

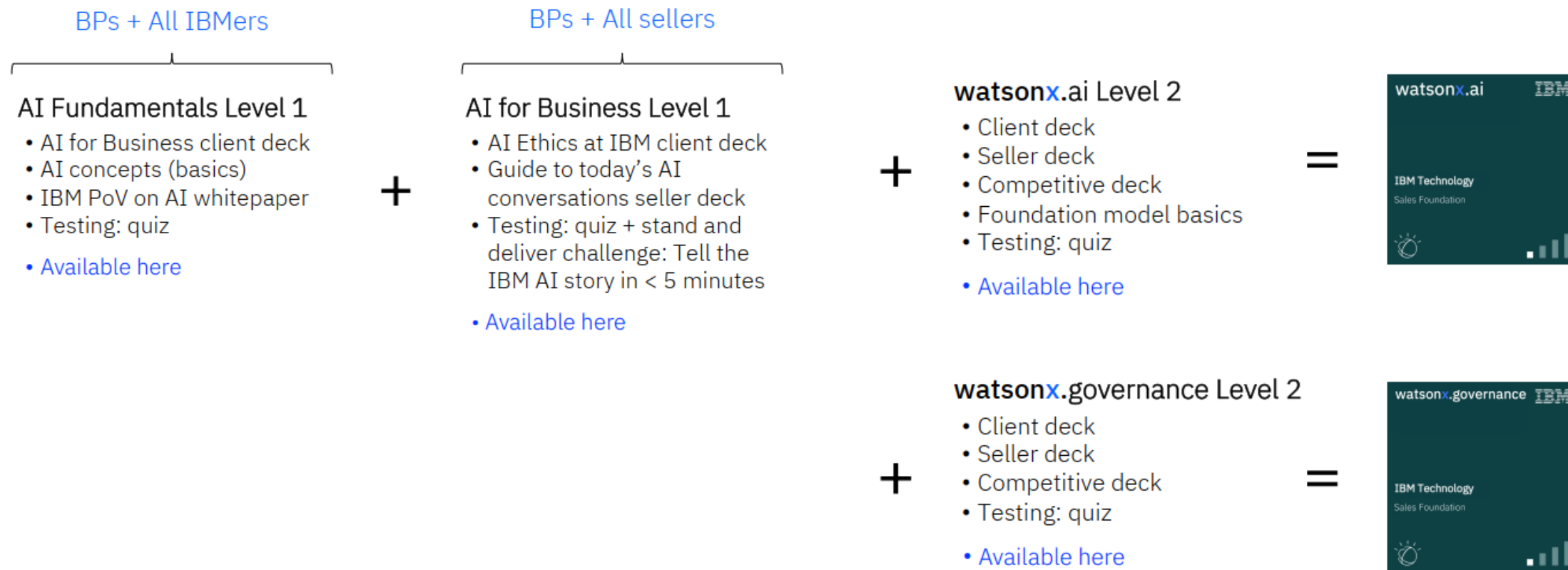
Multiple protection layers
Clean and reliable and protected data copies

Automation

Simple and fast recovery

IBM AI EDUCATION/ PROFICIENCIES

Foundation badges



IBM AI EDUCATION/ PROFICIENCIES

Intermediate and advanced badges

watsonx.data Level 3 - Tech

- Technical demo (hands-on-lab)
- IBMer testing: Stand and deliver
- BP Testing: quiz

• [Available here](#)



watsonx.ai Level 3 - Tech

- Technical demo (hands-on-lab)
- IBMer testing: Stand and deliver
- BP Testing: quiz

• [Available here](#)



watsonx.governance Level 3 - Tech

- Technical demo (hands-on-lab)
- IBMer testing: Stand and deliver
- BP Testing: quiz

• [Available here](#)



watsonx.data Level 4 - PoX

- PoX best practices
- Technical product education
- Hands-on tasks
- IBMer testing: quiz and proof of PoX in ISC

• [Available here](#)



watsonx.ai Level 4 - PoX

- PoX best practices
- Technical product education
- Hands-on tasks
- IBMer testing: Stand and deliver

• [Available here](#)



watsonx.governance Level 4 - PoX

- PoX best practices
- Technical product education
- Hands-on tasks
- IBMer testing: Stand and deliver
- Timing: 2024



Proficiency Badges related to other watsonx products (such as watsonx Assistant, Code Assistant, Orchestrate, etc...) may be earned through courses available On IBM Training

		Sell and Services		Build	
<div>Customer Success Premier Program*</div> <div>Cyber Range Access*</div> <div>Co-Sell Support for Partner Solutions**</div> <div>Named Marketing Focal</div> <div>Expert Labs Service Parts Creation***</div>		Platinum	Expertise	14 individuals with proficiency badges	1 Validated Solution +completed listing
			Revenue	LargeMarket: >\$10M	>\$1M
<div>Proof of Concept Co-Creation*</div> <div>Service Solution Accelerator***</div> <div>Innovation Studio Access</div> <div>Partner Solution Listing with Lead Share**</div> <div>Cloud Credits</div>		Gold	Expertise	7 individuals with proficiency badges	1 Validated Solution +completed listing
			Revenue	Large Market:>\$1M	>\$100K
<div>Marketing Demand Engine Support</div> <div>Software Access Catalog</div> <div>IBM Partner Status Mark</div> <div>Business Partner Directory</div> <div>Service Technical Asset Co-creation***</div> <div>Technical Expert Engagement**</div>		Silver	Expertise	3 individuals with proficiency badges*	1 Validated Solution**
			Revenue	No revenue required for silver tier	
<div>Technical Expert Engagement**</div> <div>Cloud Credits</div> <div>Software Access Catalog for New Partners****</div> <div>Marketing Demand Engine Support</div>		New	No Expertise or Revenue requirements		

15

TD SYNnex & IBM watsonx

Fast track AI practice today with IBM watsonx

Helping **grow** and **maximize** AI practice using **IBM watsonx**

watsonx Centers of Excellence

- Customer Briefings
- Product Demos
- Enablement workshops

Enablement & training

- watsonx training
- VEST training
- Marketing training
- Use case training and templates

Business planning & sales acceleration

- Access and Leverage IBM Resources
- Strategy Development & Account Planning

Marketing & demand generation

- Understand IBM My Digital Marketing
- IBM Co-Marketing & MDF
- Client use case library
- Strategic Marketing Consulting

Demos and POCs

Expert services and pre-sales support

- Solution Pre-Sales Consulting
- TD SYNnex watsonx Squad
- IBM Client Engineering
- IBM TechZone





watsonx

Centers of Excellence WW and EMEA

Clearwater, FL

Munich, Germany
Madrid, Spain
London, UK

Milan, IT

New!

MISSION

Leading and driving watsonx adoption in the Italian market

BENEFITS

Building a community with competence on watsonx at local and global level to sustain growth and development of IBM AI technology

Center of Excellence Team



8 HC

- 1 Data & AI BDM
- 1 dedicated Sales Specialist
- 2 Tech Presales L4

Additional Investment

- 2 Presales Engineers
- 1 Sales Specialist
- 1 Marketing executive



Demos, POC, Use cases

- watsonx
- Ad Hoc Demos on TechZone
- Demos on DCSE with the support of a local Tech Presales
- Use cases (Talent acquisition HR, Customer Service, Legal, Healthcare)



Training

- Sales activation workshops
- watsonx proficiency Training Path (Up to L4)
- TD Synnex Academy IBM Trainings
- Webinars on DCSE



Meetings

- Events and meetings with selected partners
- "Gold 100 Partners" Business Planning



Support

- Dedicated IBM Sales Team
- Dedicated IBM Technical Architects
- Access at Global and Emea



IBM watsonx Gold 100



- Programma esclusivo TD SYNnex per supportare Partner selezionati al raggiungimento dello Status GOLD
- Benefit programma IBM

	Sell and Services	Build	Benefit
Platinum	Expertise 14 individui con proficiency badges Revenue Large Market: >\$10M	1 soluzione Validata + pubblicazione su IBM Cloud e/o RH Marketplace >\$1M	Priorità sul lead Passing Accesso al programma IBM Customer Success Accesso al programma Cyber Range Affiancamento nella vendita Focal Point dedicato per sviluppo Marketing
Gold	Expertise 7 individui con proficiency badges Revenue Large Market: >\$1M	1 soluzione Validata + pubblicazione su IBM Cloud e/o RH Marketplace >\$100K	Co-Creation Proof of Concept Supporto tecnico e accesso gratuito a corsi L4 Accesso a IBM Innovation Studios Pubblicazione Soluzione su Portale IBM Crediti Cloud e lead passing Accesso fondi Marketing dedicati (3,75% su re eleggibile)
Silver	Expertise 3 individui con proficiency badges Revenue Nessun livello minimo richiesto	1 soluzione validata	Accesso e supporto al tool my Digital Marketing Software Access Catalog Logo IBM Business Partner Directory Pubblicazione soluzione su portale IBM
New	Nessun livello di revenue o di competenze richiesto		

COME TI AIUTA TD SYNnex

- Accesso ai Centri di Eccellenza TDS : CP4D e watsonx
 - ✓ Demos e POCs.
 - ✓ Use Cases Workshops & Visite Clienti congiunte
 - ✓ Disponibilità di risorse Pre-Sales
 - ✓ accesso on-demand agli ambienti di testing e demo IBM su IBM Cloud
- Abilitazione e Formazione:
 - ✓ Webinars e sessioni F2F : percorsi da Livello 1 a Livello 4
 - ✓ Rimborso spese certificazioni
 - ✓ Supporto nel conseguimento di badges IBM (commerciali e tecnici)
 - ✓ Accesso GRATUITO a training VEST (primo appuntamento Giugno 2024).
- Supporto Pre Sales: team locali e internazionali a Vostra disposizione
- Accesso a fondi marketing on top per accelerare generazione di domanda.

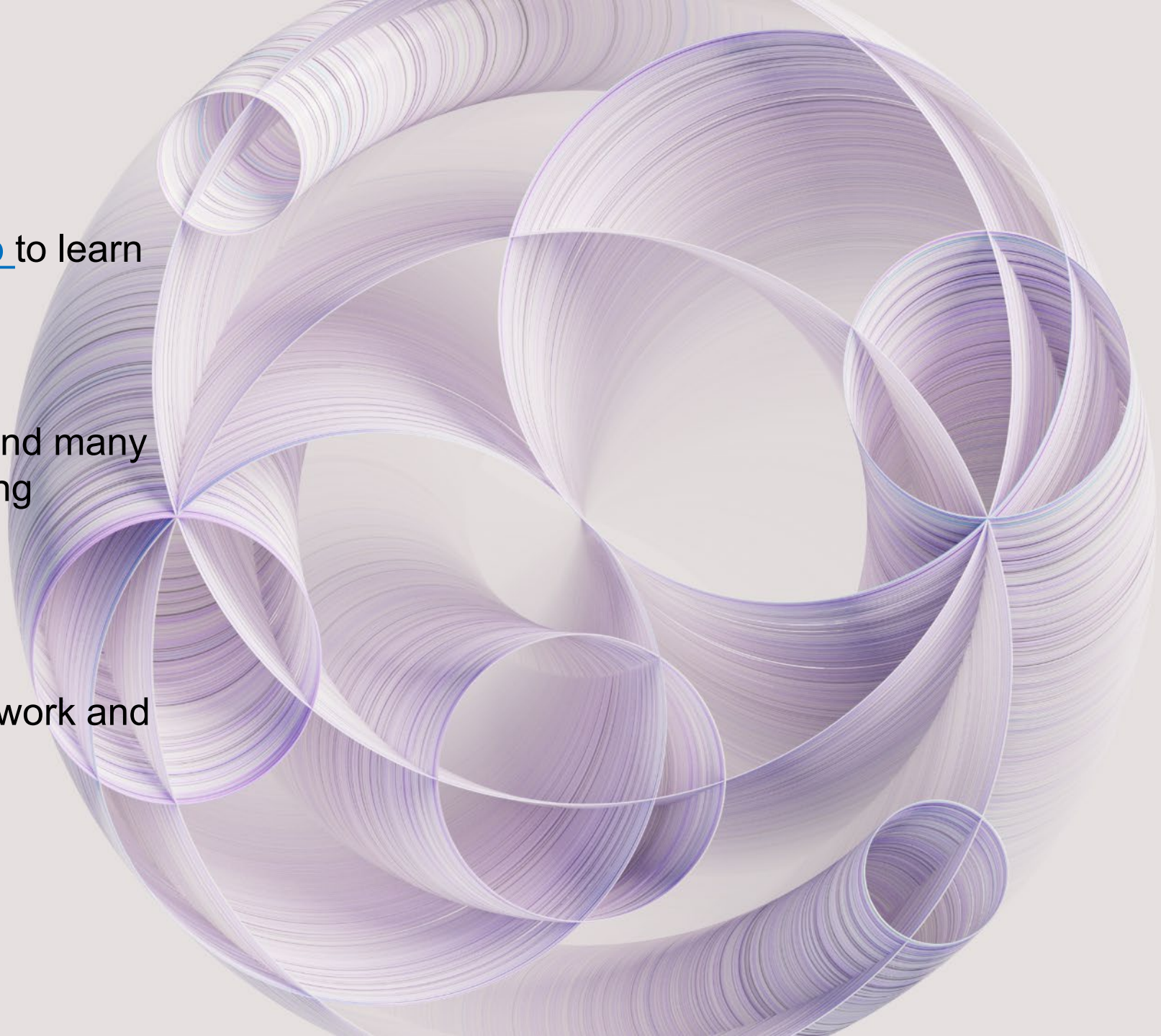
LABS

What IBM offers

Review the [IBM watsonx Demo Hub](#) to learn more about watsonx.

Review the [IBM watsonx DSCE](#) to find many demo on business solution leveraging watsonx.

Access watsonx pre-configured environments on [IBM Tech Zone](#) to work and experiment on watsonx.



LABS

What TD Synnex offers

Fast Track Team assets & services (to be confirmed and refined)

- Watsonx platform on prem, based on Intel technology (with NVIDIA GPUs) for supporting European IBM BPs
- IBM Tech Zone session with unlimited duration
- Another platform in TD Synnex Spain and / or Germany (to be confirmed)
- A TD Synnex team of Watsonx specialists strictly collaborating with IBM technical teams
- Tech Presales team on several countries (including Italy) including resources with Watsonx L4 badges

USE CASES: Reinventing how work gets done |
+AI to AI+

Three proven, high impact use cases as starting points with IBM

Results

Digital labor

40%

improvement in process productivity¹

- Talent acquisition
- Performance management
- Employee data management
- Employee communications
- Learning and event management

Customer service

>90%

customer inquiries handled by AI assistant²

- Customer self-service
- Case deflection
- Agent intent efficacy
- Agent assist
- Mobile FAQ with answers

App development & IT operations

60%

software development content automatically generated by AI³

- Automated code generation
- Application discovery and analysis
- Code refactoring
- Code conversion
- Code attribution

Promise of generative AI

Sources: ¹IBM HR use case, ²Generali Poland cases study, ³IBM CIO pilot

Content generation, classification

Train and tune relevant foundation models using company-specific HR data spanning hybrid environments

Retrieval-augmented generation, summarization, classification

Train and tune relevant foundation models using customer specific datasets to improve customer satisfaction

Summarization, content generation

Automate code generation and reduce cycle time for modernizing applications, based on requirements and business rules

USE CASES

Reinventing how work gets done
| +AI to AI+

IBM is actively
engaging with
enterprise clients
across a broad
set of business
domains

Client results and
analyst studies

Customer-facing functions and experiences	HR, Finance, and Supply chain functions	IT development and operations	Core business operations
Customer service Empower customers to find solutions with easy, compelling experiences 90% customer inquiries handled by an AI assistant ¹	HR automation Reduce manual work and automate recruiting, sourcing and nurturing job candidates 40% improvement in process productivity ²	App modernization, migration Generate code, tune code generation response in real time 60% software development content auto generated by AI ³	Threat management Reduce incident response times from hours to minutes or seconds Contain potential threats 8x faster ⁴
Marketing Increase personalization, improve efficiency across the content supply chain Reduce derivative content creation spend ⁵	Supply chain Automate source to pay processes, reduce resource needs and improve cycle times Reduce product origin traceability from days to seconds ⁶	IT automation Reduce automation development, identify deployment issues, avoiding incidents, optimize application demand to supply Reduce mean time to repair (MTTR) by 50%+ ⁷	Asset management Optimize critical asset performance and operations while delivering sustainable outcomes Reduce unplanned downtime by 43% ⁸
Content creation Ex. Enhance digital sports viewing with auto-generated spoken AI commentary Scale live viewing experiences cost effectively ⁹	Planning and analysis Make smarter decisions, focus on higher value tasks with automated workflows and AI Process planning data up to 80% faster ¹⁰	AIOps Assure continuous, cost-effective performance and connectivity across applications Reduce application support tickets by 70% ¹¹	Product development Ex. Expedite drug discovery by inferring structure with AI from simple molecular representations Faster and less expensive drug discovery ¹²
Knowledge worker Enable higher value work, improve decision making, and increase productivity Reduce 90% of text reading and analysis work ¹³	Regulatory compliance Support compliance based on requirements / risks, proactively respond to regulatory changes Reduce time spent responding to issues ¹⁴	Data platform engineering Redesign the approach for data integration using generative AI Reduce data integration time by 30%+ ¹⁵	Environmental intelligence Provide intelligence to proactively plan and manage impact of severe weather and climate Increase manufacturing output by 25% ¹⁶

USE CASES #1

Reinventing how work gets done
| +AI to AI+

Apply trusted AI to
unlock new areas
of productivity and
cost savings

Banking



<ul style="list-style-type: none">• Advisor assist• Arm front-line customer-service team with 360⁰ insights to facilitate targeted responses and immediate fulfillment of up-sell opportunities. Augment financial advisors with customized insights for portfolio management. <p>Increase customer confidence and wallet spend</p>	<p>Risk underwriting</p> <p>Multivariate analysis to simulate and manage lending and credit risk. Real-time insights to identify hidden risk factors as input to decisions and concurrent rate determination.</p> <p>Early warning for risk indicators, time to repayment, likelihood to default</p>
<ul style="list-style-type: none">• Regulatory compliance• Simplify and automate the complex business process of mapping regulations, obligations, and controls to strengthen and validate a firm's governance posture. <p>Reduce regulatory risk, costs and investigations</p>	<p>Fraud detection</p> <p>Identify suspicious patterns and potential signs of compromise early. Verify and block fraudulent activity in real-time transactions.</p> <p>Proactive fraud identification and surveillance reducing liability</p>

USE CASES #3

Reinventing how work gets done
| +AI to AI+

Apply trusted AI
to enable turnkey
decision making and
deliver production and
process efficiencies

- Manufacturing



<ul style="list-style-type: none">• Complex process optimization• Interrogate array of data to fine tune and optimize production, such as inventory, machine uptime, and production quality. <p>Increase speed, reduce cost or product waste; enhance sustainability</p>	<ul style="list-style-type: none">• Cybersecurity• Anomaly detection, triaging and mitigating threats to operations and product performance throughout manufacturing and product lifecycles. <p>Enable immediate response, avoiding downtime</p>
<ul style="list-style-type: none">• Software-defined products• Streamline the development process; tune to the most popular programming languages in the industry; auto-generate test cases. <p>Improve developer effectiveness and product quality. Reduce time-to-market</p>	<ul style="list-style-type: none">• Knowledge management• Analyze multiple documents and data inputs; provide effective responses based on real-time information feeds; improve documentation quality. <p>Improve efficiency of field technicians and customer service effectiveness</p>

USE CASES #4

Reinventing how work gets done
| +AI to AI+

Apply trusted AI
to deliver superior
customer experiences

Retail



<ul style="list-style-type: none">• Enhanced customer services• Extract insights from customer emails or forms and increase agent productivity and customer response time. Classify complaints, detect emotion, and trigger next best action. <p>Increase customer satisfaction and wallet spend</p>	<ul style="list-style-type: none">• Marketing content creation• Enabling no-code generative AI prompt for creation of synthetic images, marketing copy and image descriptions used in product marketing on digital or social channels. <p>Provide multiple options and choices in seconds</p>
<ul style="list-style-type: none">• Demand forecasting• Train ‘global’ enterprise foundation models on timeseries data, internal and external data for use to solve key business problems. <p>Sales forecast, demand planning, inventory management and waste forecasts</p>	<ul style="list-style-type: none">• Insights and analytics• Allow enterprise teams to rapidly understand performance - events driving sales, products delivering margin, risks to product availability, and more. <p>More rapid intuitive insights gathered and acted upon</p>

TD SYNnex USE CASES

BP Solutions

Business Partners solution areas: Beta80

An application already running for a client in the logistic and transport sector (name under NDA). An application for the management of request from clients.

1. Client asks for a transport services through several channels:
 - e-mail
 - input form
 - chat
2. Client request is identified from the text of the e-mail / form or the chat conversation
3. An offering for the request is automatically generated and sent directly to the client or to a seller, for verification.

Technologies adopted:

- IBM Watsonx Assistant for implementing the chatbot
- Huggingface AI model for e-mail interpretation
- Automation Anywhere for the preparation of the offering document.

TD SYNnex USE CASES

BP Solutions

Business Partners solution areas: BlueBI

BBIXChatbot, virtual assistant covering:

- Customer service e Helpdesk
- Real time provisioning of business data from multiple BI sources
- Warning from occurring specific events, with indication in real time of the proper business processes to start
- Automatic provisioning of business processes

Technologies adopted:

- IBM Watson Assistant
- IBM Watson Discovery for document search

TD SYNnex USE CASES

BP Solutions

Business Partners solution areas:

.....

1.

Technologies adopted:

-

IBM REFERENCES

IBM references

IBM references / ongoing projects

- many references from presentations in Seismic portal. To be selected.

TD SYNnex REFERENCES

TD Synnex references

TD Synnex BP references / ongoing projects

- Beta80, under NDA!
- BlueBI (?)
-